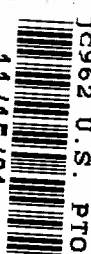


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PATENT

UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Attorney Docket No.: 000192  
Date: November 15, 2001  
Express Mail Label No.: EL 903 006 506 US  
Customer No.: 023696 Bar Code  
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23696  
PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Bruce A. Judson and Christopher Riddle

For: METHOD AND APPARATUS FOR USING POSITION LOCATION TO DIRECT  
NARROW BEAM ANTENNAS

Enclosed are:

- 1. ☒ Patent application (13) total pages.
- 2. ☒ Drawings: ☐ Formal ( ) sheet(s) or ☒ Informal (8) sheets.
- 3. ☒ Declaration/Power of Attorney: ☐ Signed ☒ Unsigned
- 4. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
- 5. ☐ A Preliminary Amendment ( ) pages.
- 6. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
- 7. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	21 - 20	1	x \$18 =	\$18.00
Independent**	4 - 3	1	x \$84 =	\$84.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$740	\$740.00
			TOTAL FEE	\$842.00

\*If the number in column a is less than 20, enter 0 in column b.  
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- 8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
- 9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$842.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
- 10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: November 15, 2001

Signature:   
Bruce W. Greenhaus, Reg. No. 37,339  
(858) 651-6399

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

000192

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Judson, et al.

For: METHOD AND APPARATUS  
FOR USING POSITION  
LOCATION TO DIRECT  
NARROW BEAM ANTENNAS

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HERewith on November 15, 2001

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Dear Sir:

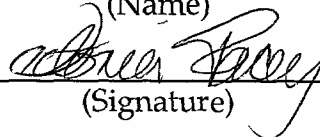
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Date of Deposit November 15, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Provisional, Washington, D.C. 20231. The following documents are enclosed: TRANSMITTAL LETTER in duplicate; PATENT APPLICATION (Spec. 9 pgs, Claims in 3 pgs, Abstract in 1 pg, Drawings in 8 pgs); UNSIGNED COMBINED DECLARATION AND POWER OF ATTORNEY IN TWO (2) PAGES; and POSTCARD

Victoria J. Pacey

(Name)



(Signature)

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